

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
JPP-1230CIP3B

SERIAL NO.  
10/633612

KARMAKER ET AL.

FILING  
08/01/2003

GROUP  
3730

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ced	3,066,112	11-27-1962	Bowen			
	3,179,623	04-20-1965	Bowen			
	3,194,784	07-13-1965	Bowen			
	3,751,399	08-07-1973	Lee, Jr. et al			
	3,926,906	12-16-1975	Lee, II et al.			
	4,544,359	10-01-1985	Waknine			
	4,547,531	10-15-1985	Waknine			
	4,717,341	01-05-1988	Goldberg et al.			
	4,894,012	01-16-1990	Goldberg et al.			
↓	5,276,068	01-04-1994	Waknine			
ced	5,564,929	10-15-1996	Alpert			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ced	WO 98/11842	03-26-98	PCT				
↓	2 730 627	08-23-96	France			✓	
	1.180.326	07-30-1957	France			✓	
↓	2 616 653	06-18-1987	France			✓	
ew	557.756	05-09-1923	France			✓	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

ced		PCT International Search Report, August 17, 2000
ced		International Preliminary Examination Report, October 4, 2001

EXAMINER *Cary E. Conner*

DATE CONSIDERED  
3-16-05

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>JPP-1230CIP3A</b>		SERIAL NO. <b>10/633612</b>	
				KARMAKER ET AL.			
				FILING <b>08/01/2003</b>		GROUP <b>3730</b>	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CEO	5,919,044	07-06-1999	Sicurelli, Jr. et al.				
	6,030,220	02-29-2000	Karmaker et al.				
	6,039,569	03-21-2000	Prasad et al.				
	6,428,319	08-06-2002	Lopez et al.				
	6,447,297	09-10-2002	Lopez et al.				
	3,919,774	11-18-1975	Fishman				
	5,074,792	12-24-1991	Bernadat				
	5,595,486	11-23-1999	Manocha				
	5,989,032	11-23-1999	Reynaud et al.				
✓	6,028,125	02-22-2000	Combe et al.				
CEO	3,813,779	06-04-1974	Tosti				

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CEO	1 412 077	10-29-1975	UK				
	2 669 211	05-22-1992	France				
	DE 34 08 503 A1	09-27-1984	Germany			✓	
↓	DE 35 04 472 A1	07-24-1986	Germany			✓	
CEO	DE 35 12 938 A1	10-16-1986	Germany				

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
CEO			DENTSPLY PRODUCT INFORMATION "DENSFIL" [http://www.mallefer.com/html/obturation.html]. May 2001.
CEO			DENTSPLY PRODUCT INFORMATION "THERMASYSTEM PLUS OBTURATION SYSTEM" [http://www.xray.essix.com/endodontics/endomain.html]. May 2001.

  

EXAMINER <i>Campbell Conner</i>	DATE CONSIDERED <b>3-16-05</b>
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ceo	4,936,776	06-26-1990	Kwiatkowski			
	5,067,900	11-26-1991	McSpadden			
	5,073,112	12-17-1991	Weil			
	5,083,923	01-28-1992	McSpadden			
	5,104,321	04-14-1992	Filhol			
	5,752,825	05-19-1998	Buchanan			
	5,833,457	11-10-1998	Johnson			
	5,833,464	11-10-1998	Foser			
	6,254,392	07-03-2001	Mannschedel et al.			
✓	Re. 35,070	10-24-1995	Fitzmorris			
Ceo	5,409,378	04-25-1995	Pohl			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Ceo	DE 35 13 864 A1	10-30-1986	Germany				
Ceo	DE 38 39 466 C2	06-22-1989	Germany				
Ceo	DE 41 03 355 A1	06-08-1992	Germany				
Ceo	WO 93/19687	10-14-1993	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Ceo	SOFTCORE DENTAL PRODUCTS PRODUCT INFORMATION "SOFTCORE" [http://www.variodent.at/grossha/022000/soft-core.htm]. May 2001.

EXAMINER

Cary E O'Connor

DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CEO	5,588,835	12-31-1996	Kert			
	5,803,736	09-008-1998	Merritt, Jr.			
	5,833,464	11-10-1998	Foser			
	5,882,196	03-16-1999	Kert			
	5,948,129	09-07-1999	Nonami et al.			
	5,181,850	01-26-1993	Neumeyer			
	5,382,161	01-17-1995	Roane			
	6,010,335	01-04-2000	Kert			
	6,012,924	01-11-2000	Reynaud et al.			
V	6,024,565	02-15-2000	Sicurelli et al.			
ces	6,183,253	02-06-2001	Billet et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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Cary E O'Connor

DATE CONSIDERED

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				KARMAKER ET AL.			
				FILING <b>08/01/2003</b>		GROUP <b>3730</b>	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>ced</i>	277,943	05-22-1883	Richmond				
	674,419	05-21-1901	Kinsman				
	1,463,963	08-07-1923	Miller				
	1,469,992	10-09-1923	Card				
	1,641,844	09-06-1927	Fisher				
	1,649,508	11-15-1927	Carmichael				
	3,504,438	04-07-1970	Wittman et al.				
	3,318,000	05-09-1967	Paris				
	3,740,851	06-26-1973	Weissman				
<i>V</i>	3,855,702	12-24-1974	Malmin				
<i>Ces</i>	3,899,830	08-19-1975	Malmin				

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

  

EXAMINER <i>Cary E. O'Brien</i>	DATE CONSIDERED <b>3-16-05</b>
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				KARMAKER ET AL.			
				FILING <b>08/01/2003</b>		GROUP <b>3732</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>ced</b>	<b>3,919,774</b>	<b>11-18-1975</b>	<b>Fishman</b>				
	<b>3,949,479</b>	<b>04-13-1976</b>	<b>Malmin</b>				
	<b>3,968,567</b>	<b>07-13-1976</b>	<b>Nevins</b>				
	<b>4,050,156</b>	<b>09-27-1977</b>	<b>Chasanoff et al.</b>				
	<b>4,253,829</b>	<b>03-03-1981</b>	<b>Adelberger</b>				
	<b>4,253,835</b>	<b>03-03-1981</b>	<b>Ware</b>				
	<b>4,343,608</b>	<b>08-10-1982</b>	<b>Hodosh</b>				
	<b>4,407,675</b>	<b>10-04-1983</b>	<b>Hodosh</b>				
	<b>4,480,996</b>	<b>11-06-1984</b>	<b>Crovatto</b>				
<b>V</b>	<b>4,480,998</b>	<b>11-06-1984</b>	<b>Carse</b>				
<b>ced</b>	<b>4,505,675</b>	<b>03-19-1985</b>	<b>Albert</b>				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER <b>Cary E O'Connor</b>				DATE CONSIDERED <b>3-16-05</b>			
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	FILING <b>08/01/2003</b>	GROUP <b>3732</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CE</i>	4,525,147	01-25-1985	Pitz			
	4,543,065	09-24-1985	Bushway			
	4,622,012	11-11-1986	Smoler			
	4,657,592	04-14-1987	Takubo			
	4,681,545	07-21-1987	Lapcevic			
	4,684,555	08-04-1987	Neumeyer			
	4,738,616	04-19-1988	Reynaud			
	4,758,156	07-19-1988	Johnson			
	4,766,200	08-23-1988	Rhazi			
	4,813,876	03-21-1989	Wang			
<i>CU</i>	4,894,011	01-16-1990	Johnson			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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				KARMAKER ET AL.				
				FILING <b>08/01/2003</b>		GROUP <b>3130</b>		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
Ced	4,931,096	06-05-1990	Fujisawa et al.					
	4,952,150	08-28-1990	Schiwiora et al.					
	5,051,093	09-24-1991	Fitzmorris					
	5,064,373	11-12-1991	Staubli et al.					
	5,085,586	02-04-1992	Johnson					
	5,088,183	02-18-1992	Lee					
	5,089,183	02-18-1992	Johnson					
	5,092,773	03-03-1992	Levy					
	5,098,298	03-24-1992	Johnson					
↓	5,118,297	06-02-1992	Johnson					
Ced	5,165,893	11-24-1992	Thompson					
<b>FOREIGN PATENT DOCUMENTS</b>								
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							YES	NO
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ced</i>		5,171,146	12-15-1992	Guerci			
		5,181,850	01-26-1993	Neumeyer			
		5,215,461	06-01-1993	Riazi			
		5,232,440	08-03-1993	Wilk			
		5,275,562	01-04-1994	McSpadden			
		5,286,193	02-15-1994	Roane			
		5,286,423	02-15-1994	Johnson			
		5,326,263	07-05-1994	Weissman			
		5,328,367	07-12-1994	Johnson			
<i>✓</i>		5,328,372	07-12-1994	Reynaud et al.			
<i>ced</i>		5,372,759	12-13-1994	Johnson			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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